CONTENTS OF VOLUME 18

Vol. 18 No. 1 January 1991

Editor's Note	v
Publisher's Note	vi
P. VELLINGA and R. SWART / The Greenhouse Marathon: A Proposal for a Global Strategy. A Guest Editorial	vii
JONATHAN A. FOLEY, KARL E. TAYLOR, and STEVEN J. GHAN / Planktonic Dimethylsulfide and Cloud Albedo: An Estimate of the Feedback Response	1
L. M. DRUYAN / The Sensitivity of Sub-Saharan Precipitation to Atlantic SST	17
CARY J. MOCK / Historical Evidence of a Cold, Dry Summer during 1849 in the Northeastern Great Basin and Adjacent Rocky Mountains	37
HIROYUKI ENOMOTO / Fluctuations of Snow Accumulation in the Antarctic and Sea Level Pressure in the Southern Hemisphere in the Last 100 Years	67
R. P. KANE and N. R. TEIXEIRA / Power Spectrum Analysis of the Annual Rainfall Series for Massachusetts (N.E., U.S.A.)	89
NATHANIEL B. GUTTMAN / Using Secondary Data Sources	95
Correspondence JOHN A. LAURMANN / Global Warming and the Credibility of Science	107
Book Reviews S. G. Warren, C. J. Hahn, J. London, R. M. Chervin, and R. L. Jenne, Global Distribution of Total Cloud Cover and Cloud Type Amounts over Land; Global Distribution of Total Cloud Cover and Cloud Type Amounts over the Ocean (A. SLINGO)	111
Announcement	113
Vol. 18 Nos. 2–3 April 1991	
SPECIAL ISSUE: GLOBAL CHANGE: ISSUES FOR THE SOUTHERN HEMISPHERI	E

B. H. WALKER and R. G. DICKSON / Global Change: Issues for the Southern Hemisphere. Editorial	115
W. LIVINGSTON / Energy Input to the Earth	121
G. I. PEARMAN / Changes in Atmospheric Chemistry and the Greenhouse Effect: A Southern Hemisphere Perspective	131
R. D. GRAETZ / The Nature and Significance of the Feedback of Changes in Terrestrial Vegetation on Global Atmospheric and Climatic Change	147
B. R. STANTON / Ocean Circulation and Ocean-Atmosphere Exchanges	175
Climatic Change 18: 475, 1991.	

G. B. TUCKER / Confidence in Modelling Future Climate: A Southern Hemisphere Perspective	195
A. B. PITTOCK and M. J. SALINGER / Southern Hemisphere Climate Scenarios	205
JUAN J. BURGOS, HUMBERTO FUENZALIDA PONCE, and LUIZ C. B. MOLION / Climate Change Predictions for South America	223
P. D. TYSON / Climatic Change in Southern Africa: Past and Present Conditions and Possible Future Scenarios	241
M. J. SALINGER and A. B. PITTOCK / Climate Scenarios for 2010 and 2050 AD Australia and New Zealand	259
W. F. BUDD / Antarctica and Global Change	271
B. H. WALKER / Ecological Consequences of Atmospheric and Climate Change	301
J. R. E. LUTJEHARMS and H. R. VALENTINE / Sea-Level Changes: Consequences for the Southern Hemisphere	317
PATRICIO A. BERNAL / Consequences of Global Change for Oceans: A Review	339
Announcement	361
Vol. 18 No. 4 June 1991	
R. C. WATTS and M. C. MORANTINE / Is the Greenhouse Gas-Climate Signal Hiding in the Deep Ocean	iii
GEORGE P. MALANSON and WALTER E. WESTMAN / Modeling Interactive Effects of Climate Change, Air Pollution, and Fire on a California Shrubland	363
RAYMOND A. ASSEL / Implications of CO ₂ Global Warming on Great Lakes Ice Cover	377
K. OKAMOTO, T. OGIWARA, T. YOSHIZUMI, and Y. WATANABE / Influence of the Greenhouse Effect on Yields of Wheat, Soybean and Corn in the United States for Different Energy Scenarios	397
L. S. HINGANE / Some Aspects of Carbon Dioxide Exchange between Atmosphere and Indian Plant Biota	425
JOHN E. OLIVER / aL-Biruni's Chronology: A Source for Historical Climatology	437
J. NEUMANN / Climate of the Black Sea Region around 0 C.E.	453
Correspondence K. Ya. Kondratyev, Climate Shocks: Natural and Anthropogenic (K. Ya. KONDRATYEV and G. A. NIKOLSKY)	467
Book Review Edith Brown Weiss, In Fairness to Future Generations: International Law, Common Patrimony, and International Equity (Innovation in International Law) (KONRAD VON MOLTKE)	471
Announcement	473
Volume Contents	475
Author Index	477

